

WASTER STORAGE FACILITY

Design Survey

The following information shall be obtained and recorded in the field notes:

- a. Topographic survey.
- b. Subsurface soils investigation (if required).

Design Data

The following will be considered minimum in the design of waste storage structures. The information shall be recorded in the design notes or on the construction drawings:

- a. Location selection.
- b. Volume determination.
- c. Material selection.
- d. Structural design.
- e. Quantity computations
- f. Evidences of compliance with any State and Federal regulations.

Drawings and Specifications

Construction drawings shall include, but will not be limited to, the following:

- a. Plan of the installation.
- b. Detailed layout of structure with sectional views as required.
- c. Materials required.
- d. Safety and Revegetation requirements.
- e. Table of quantities.
- f. Location map.

Practice specifications along with applicable "Items of Work and Construction Details" shall be provided along with other specifications needed to fully inform the owner or contractor of the requirements for the installation.

Layout Survey Notes

The following information shall be recorded in the field notes:

- a. Location, elevation, and offset reference stakes as required.

Compliance Checks

The complexity of the structure will dictate the need for compliance checks during construction. All compliance checks shall be recorded in the field notes. Narratives of compliance checks shall be recorded in the field notes.

Compliance checks shall include, but will not be limited to, the following:

- a. Measurements and elevations.
- b. Steel placement, if required.
- c. Material testing, as required.
- d. Quality and quantity of materials.
- e. Statement of compliance.

As-Built Plans

As-Built drawings shall be prepared for all waste storage structures. These drawings shall reflect all significant changes in linear measurements, quantities, alignment, or design changes. If there were no significant changes, the original drawings shall be marked "As-Built".